PTO/SB/17 (10/03)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| FEE TRANSMITTAL   | Complete If Known    |                      |  |  |  |
|---|----------------------|----------------------|--|--|--|
| f r FY 2001 Patent fees are subject to annual revision. | Application Number   | 09/507,602           |  |  |  |
|   | Filing Date          | June 30, 2000        |  |  |  |
|   | First Named Inventor | Matthew Joseph Doyle |  |  |  |
|   | Examiner Name        | A. DeCloux           |  |  |  |
|   | Group/Art Unit       | 1644                 |  |  |  |
| TOTAL AMOUNT OF PAYMENT (\$)0.00                        | Attorney Dacket No   | 8141                 |  |  |  |

| METHOD OF PAYMENT (check one)  |           |                     |                                       | FEE CALCULATION (continued)        |       |            |         |                                     |   |             |
|--|-----------|---------------------|---------------------------------------|------------------------------------|-------|------------|---------|-------------------------------------|---|-------------|
|  |           |                     |                                       |                                    | 3 A   | DITION     | C FEE   | 5                                   |   |             |
| [X] TI   | he Com    | mission             | er is ho                              | eby authorized to charge indicated | Large | Entity     | Small   | Entity                              |   |             |
| i fe   | es and    | credit al           | ny over                               | payments to:                       | I Tee | Fee        | Fee     | Fee                                 |   | Fee Paid    |
| posit Acc  | count Nu  | imper :             | 16-2480                               |                                    | Code  | (3)        | Code    | (\$)                                | Les Cascilloci.   | •• •        |
| posit Acc  | count Na  | rme                 | The Pr                                | octor & Gambie Company             | 105   | 130        | 205     | 65                                  | Surcharge - late filling fee or outh                    | 0           |
| Y   Charms Any Additional Fee   Applicant claims small entity        |           |                     |                                       | 127                                | 50    | 227        | 25      | Surcharge - lete provisional filing | U   |             |
| ` Recu   | gred Und  | ier 💮               |                                       | status. See 37 CFR §127            | 1     |            |         | 130                                 | tee or cover sheet<br>Non-English specification         | 0           |
| 37 Č   | .F.R. 951 | ,16 and             | 1.17                                  |                                    | 139   | 130        | 139     |                                     |   | ă           |
| [] Рауп  | ant Eas   | des ext             |                                       |                                    | 147   | 2,520      | 147     | 2,520                               | For filing a request for ex parts<br>mexamination       | u           |
| Пьям   | MALIE ELE | 308 <b>9</b> 0.     |                                       |                                    |       |            |         | 920*                                | Requesting publication of SIR prior                     | 0           |
|  |           | and to Co           | n                                     | Money Order [] Other               | 112   | 920"       | 112     | 920                                 | to Examiner's action                                    | •           |
| II CURC  |           | ABOUT OF            |                                       | U                                  | ٠     | 4 8 4 6 4  | 113     | 1.840*                              | Requesting publication of SIR after                     | П           |
|  |           |                     |                                       | CUI ATION                          | 113   | 1,840*     | 113     | 1,040                               | Examiner's action                                       | •           |
| _  |           |                     | CAL                                   | CULATION                           | ┨     | 446        | 215     | 55                                  | Extension for reply within 1st month                    | 0           |
| BASIC  | FILING    | FEE                 |                                       |                                    | 115   | 110        | 215     | 195                                 | Extension for reply within 2 <sup>rd</sup> month        | ŏ           |
| rge Entity   | Small     | Entity              |                                       |                                    | 116   | 390<br>890 | 210     | 445                                 | Extension for reply within 3" month                     | ă           |
| 00 F00   | Fee       | Fee                 | Fe                                    | e Description Fee Paid             | 111   | 1,390      | 218     | 695                                 | Extension for reply within 4th month                    | ō           |
| de (\$)  | Code      |                     |                                       | _                                  | 128   | 1,890      | 228     | 945                                 | Extension for reply within 5th month                    | ō           |
| 01 710   | 201       |                     |                                       | ilty filing fee [                  | 119   | 310        | 219     | 155                                 | Hotica of Appeal  | ō           |
| 06 320   | 206       |                     |                                       | eign filing fee []                 | 120   | 310        | 220     | 155                                 | Filing a brief in support of an appeal                  | Ō           |
| 07 490   | 207       |                     |                                       | ant filling fee                    | 121   | 270        | 221     | 135                                 | Request for oral hearing                                | Ō           |
| 08 710   | 208       |                     |                                       | issue filing fee []                | 138   | 1.510      | 138     | 1.510                               | Pathion to institute a public use proceeding            | a 0         |
| 14 150   | 214       | 75                  |                                       | ovisional filing fee               | 140   | 110        | 240     | 55                                  | Petition to revive - unavoidable                        | 0           |
|  |           |                     | SUBT                                  | OTAL (1) (\$)()                    | 141   | 1,240      | 241     | 620                                 | Petition to revive - unintentional                      | B           |
| EXTRA  | CLAIM     | FEES                |                                       | Fee From                           | 142   | 1,240      | 242     | 620                                 | Utility leave fee (or release)                          | 0           |
|  |           |                     |                                       | Extra Claims Below Fee Paid        | 143   | 440        | 243     | 220                                 | Design leave fee  | 0           |
|  |           |                     |                                       |                                    | 144   | 600        | 244     | 300                                 | Plant Issue fee   | 0           |
| otal Claim   |           |                     | - 20 <sup></sup><br>  - 3 <sup></sup> |                                    | 122   | 130        | 122     | 130                                 | Petitions to the Commissioner                           | 0           |
| depende  |           |                     | ] - 3·                                |                                    | 123   | 50         | 123     | 50                                  | Petitione released to previolensal application          | . 0         |
| lultiple De  | pender    | <b>u</b>            |                                       | eater, For Releases, see below     | 126   | 240        | 126     | 240                                 | Submission of IDS                                       | 0           |
| or numb  | et bien   | onrià bi            | in, u gr                              | Permi' i et Lantenani en en en en  | 581   | 40         | 581     | 40                                  | Recording each patent assignment                        | . 0         |
| Larne  | Entity    | Small               | Entity                                |                                    | 1     |            |         |                                     | per property (times number of propertie                 | n)<br>kan N |
| Fee  | Fee       | Fee                 | Fee                                   | Fee Description                    | 146   | 710        | 248     | 355                                 | Filing a submission after final reject                  | ion U       |
| Code   | (\$)      | Code                | (5)                                   | •                                  | ۱     | 710        | 248     | 355                                 | (37 CFR § 1,129(a)) For each additional invention to be | O           |
| 103  | 18        | 203                 | 9                                     | Claims in excess of 20             | 149   | /10        | 448     | 333                                 | examined (37 CFR \$1.129(b)                             |             |
| 102  | 80        | 202                 | 40                                    | Independent claims in excess of 3  | 179   | 710        | 279     | 355                                 | Request for Continued Examination (RCI                  | a 0         |
| 104  | 270       | 204                 | 135                                   | Multiple dependent claim, if not   | 169   | 710        |         |                                     |   |             |
|  |           |                     |                                       | paid                               | 103   | , 10       | 240     |                                     | of a dealgn application                                 |             |
| 109  | 80        | 209                 | 40                                    | **Reissue independent claims       |       | er fee (sp | acity)  |                                     | <del> </del>  | 0           |
|  |           |                     | _                                     | over original patent               | Cum   | e non (sh  | -u.7/ _ |                                     |   | -           |
| 110 18 210 9 "Reissue dalma in excess of 20 and over original patent |           | Other fee (specify) |                                       |                                    |       |            |         |                                     |   |             |
|  |           |                     |                                       | TOTAL (2) (\$)[]                   | ١. ٥  | educed b   | v Back  | : Filina F                          | aa Paid SUBTOTAL(3) (5                                  | ) (i        |

| SUBMITTED BY      | Complete         | Complete (if applicable)        |        |           |                  |
|-------------------|------------------|---------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Emelyn L. Hiland | Registration No. (AtomsylAgent) | 41,501 | Telephone | (613) 622-3236   |
| Signature         | Emely X          | Wilane                          |        | Date      | October 29, 2001 |

Signature

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513 622 3300 P. 03/08

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Case Docket No. 8141

In the Application of

Inventor(s):

MATTHEW JOSEPH DOYLE, ET AL.

Serial No.:

09/607,602

Group Art Unit: 1644

Date Filed:

June 30, 2000

Examiner: A. DeCloux

Title: PROMOTING WHOLE BODY HEALTH

## RESPONSE UNDER § 1.111

THE COMMISSIONER FOR PATENTS Washington D.C. 20231

Dear Sir:

In response to the Office Action dated September 27, 2001 and having a period for response of one month thereafter, please consider the amendments and remarks herein. No response fee is known to be due as this response is being submitted within the prescribed period.

## AMENDMENT

## In the Claims

Please amend Claims 1-7 to read as follows.

1. A topical oral composition for treating and preventing oral cavity diseases in human and other animal subjects and thereby promoting whole body health in said human and other animal subjects, said composition comprising of safe and effective amount of a host-response modulating agent, and a pharmaceutically acceptable oral carrier, wherein said host-response modulating agent is selected from a H2-antagonist; anti-inflammatory agent, metalloproteinase inhibitor, anti-oxidant and modifier of cell redox status, vitamins and nutrients key to maintenance of a host response balance, inhibitor of activation of NF-kB, and mixtures thereof.

2. A method for treating and preventing oral cavity diseases in human and other animal subjects and thereby promoting whole body health in said human and other animal subjects,